UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On title page item 56

On Page 1, , Col. 1 ("Related U.S. Application Data"), delete "**Provisional**" and insert -- **Continuation application from U.S. patent application No. 08/592,697, filed Jan. 26, 1996, now U.S. Pat. No. 6,212,566, which claims priority to provisional** --.

On Page 2, Col. 2 ("Other Publications"), Line 3, delete "**et al,**" and insert -- **et al., --**.

On Page 2, Col. 2 ("Other Publications"), Line 11, delete "**Ptoleny:**" and insert -- **Ptolemy: --**.

On Page 2, Col. 2 ("Other Publications"), Lines 14-16, below "pp. 155-182." delete the second entry of the article by Joseph Buck, et al.

Col. 1, Line 3 (approx.), below "Title" insert -- **Claim of Priority** --.

Col. 1, Line 15 (approx.), delete "**develope**" and insert -- **develop** --.

Col. 2, Line 65, delete "**("Modulator/demodulator")**" and insert -- **("modulator/demodulator")** --.

Col. 3, Lines 9-10, delete "**wi^Cth**" and insert -- **with** --.

Col. 3, Lines 13-14, delete "**technics**" and insert -- **techniques** --.

Col. 4, Line 31, delete "**simulation;**" and insert -- **simulation** --.

Col. 9, Line 28 (approx.), delete "**the**" before "specification."

Col. 11, Lines 9-11, delete "**Fig. 18 illustrates**" and insert -- **Figures 18A and 18B illustrate** --.

Col. 13, Line 31, delete "**(O)**" and insert -- **(Q)** --.

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CERTIFICATE OF CORRECTION

PATENT NO.   : 7,099,949 B1
APPLICATION NO. : 09/696836
DATED   : August 29, 2006
INVENTOR(S)   : Jan Vanhoof et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 16, Line 13, delete "**reciever**" and insert -- **receiver** --.

Col. 16, Line 53, delete "**204**" before "and the."

Col. 20, Line 66 (approx.), before "A rigorous" insert -- **(2)** --.

Col. 22, Line 28, after "kit" insert -- . --. [period]

Col. 28, Line 17, after "t_a" insert -- , -- .

Col. 30, Line 18, delete "**ti mer**" and insert -- **timer** --.

Col. 31, Line 20, delete "**pn len**" and insert -- **pn_len** --.

Col. 33, Line 12, delete "**qL 127**" and insert -- **ql 127** --.

Col. 33, Line 32-34, after "frequency." delete "**The hold . . . =20 MHz.**" and insert same below "frequency." on Line 33 (as a new paragraph).

Col. 34, Line 47 (approx.), delete "**(uw)**" and insert -- **(UW)** --.

Col. 36, Line 54 (approx.), delete "**unidirectional**" and insert -- **uni-directional** --.

Col. 37, Line 39, delete "**a**" and insert -- **an** --.

Col. 38, Line 6, after "Blocked-write" insert -- , --. [comma]

Col. 38, Line 36 (approx.), after "Unblocked-write" insert -- , --. [comma]

Col. 38, Line 51 (approx.), after "Unblocked-write" insert -- , -- . [comma]

Col. 39, Line 7 (approx.), delete "**signed:**" and insert -- **signed.** --.

Col. 42, Line 32 (approx.), after "and" delete "**a**" and insert -- **an** --.

Col. 48, Line 3, delete "**slider**" and insert -- **slider** --.

PATENT NO.   : 7,099,949 B1   Page 3 of 4
APPLICATION NO. : 09/696836
DATED   : August 29, 2006
INVENTOR(S) : Jan Vanhoof et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 49, Line 34, delete "a" and insert -- **an** --.

Col. 50, Line 22, delete "later" and insert -- **later.** --.

Col. 50, Lines 63-64, delete "**(data_o, str_o, and ack_o)**" and insert

-- **(data_o, str_o, and ack_o).** --.

Col. 52, Line 7, delete "0;" and insert --); --.

Col. 52, Line 36 (approx.), delete "a" and insert -- **an** --.

Col. 52, Line 41 (approx.), delete "**BWO**" and insert -- **BW()**, --.

Col. 53, Line 49, delete "#2)" and insert -- **#2]** --.

Col. 56, Line 12 (approx.), delete "**substracting**" and insert -- **subtracting** --.

Col. 56, Line 49-50, delete "**substracting**" and insert -- **subtracting** --.

Col. 58, Line 52 (approx.), Claim 1, after "independent" insert -- **data** --.

Col. 59, Line 10, Claim 2, after "independent" insert -- **data** --.

Col. 59, Line 13, Claim 2, after "organizing said" insert -- **single data**

independent --.

Col. 59, Line 30, Claim 3, after "independent" insert -- **data** --.

Col. 59, Line 33, Claim 3, after "organizing said" insert -- **single data**

independent --.

Col. 59, Line 47, Claim 4, after "independent" insert -- **data** --.

Col. 60, Line 1, Claim 4, after "organizing said" insert -- **single data**

independent --.

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PATENT NO.   : 7,099,949 B1
APPLICATION NO. : 09/696836
DATED   : August 29, 2006
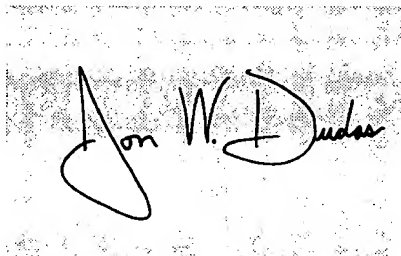INVENTOR(S)   : Jan Vanhoof et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 60, Line 35, Claim 5, after "independent" insert -- **data** --.

Col. 60, Line 38, Claim 5, after "organizing said" insert -- **single data**

independent --.

Signed and Sealed this

Tenth Day of April, 2007

JON W. DUDAS
Director of the United States Patent and Trademark Office